

**Table S2. Employed doctoral scientists and engineers by field of doctorate, sex and broad sector of employment:
1993, 1995, and 1997**

Page 1 of 3

| Field and year | Total | Male | | | Female | | |
|---|---------|-------------------------|----------|------------|-------------------------|----------|------------|
| | | Educational institution | Industry | Government | Educational institution | Industry | Government |
| | | Number | Percent | Percent | | | |
| Total | | | | | | | |
| 1993..... | 462,870 | 100.0 | 37.4 | 34.3 | 8.1 | 10.5 | 7.7 |
| 1995..... | 484,780 | 100.0 | 36.7 | 33.7 | 7.8 | 11.7 | 7.9 |
| 1997..... | 518,440 | 100.0 | 35.2 | 33.7 | 8.0 | 12.4 | 8.4 |
| Sciences | | | | | | | |
| 1993..... | 387,760 | 100.0 | 38.5 | 29.9 | 8.3 | 12.2 | 8.8 |
| 1995..... | 406,110 | 100.0 | 37.9 | 29.1 | 8.1 | 13.6 | 8.9 |
| 1997..... | 429,820 | 100.0 | 36.6 | 28.7 | 8.1 | 14.5 | 9.4 |
| Computer/math sciences | | | | | | | |
| 1993..... | 27,950 | 100.0 | 56.4 | 27.7 | 3.8 | 7.9 | 3.6 |
| 1995..... | 29,270 | 100.0 | 54.7 | 29.1 | 3.6 | 8.6 | 3.3 |
| 1997..... | 32,400 | 100.0 | 51.2 | 30.4 | 4.4 | 8.9 | 4.5 |
| Computer/information sciences | | | | | | | |
| 1993..... | 5,150 | 100.0 | 39.4 | 43.6 | 1.7 | 9.3 | 5.4 |
| 1995..... | 6,450 | 100.0 | 40.2 | 42.1 | 2.1 | 9.9 | 4.9 |
| 1997..... | 8,000 | 100.0 | 32.9 | 47.0 | 3.3 | 9.4 | 6.8 |
| Mathematical sciences | | | | | | | |
| 1993..... | 22,800 | 100.0 | 60.2 | 24.1 | 4.2 | 7.6 | 3.2 |
| 1995..... | 22,820 | 100.0 | 58.8 | 25.4 | 4.0 | 8.2 | 2.9 |
| 1997..... | 24,400 | 100.0 | 57.2 | 24.9 | 4.7 | 8.7 | 3.7 |
| Biological/agricultural sciences | | | | | | | |
| 1993..... | 110,920 | 100.0 | 42.3 | 25.2 | 9.6 | 13.8 | 6.6 |
| 1995..... | 116,690 | 100.0 | 41.9 | 24.7 | 9.0 | 15.0 | 6.9 |
| 1997..... | 124,600 | 100.0 | 41.3 | 24.3 | 8.6 | 16.3 | 6.7 |
| Agricultural/food sciences | | | | | | | |
| 1993..... | 15,100 | 100.0 | 42.6 | 33.8 | 10.8 | 6.6 | 4.3 |
| 1995..... | 15,440 | 100.0 | 42.0 | 34.1 | 9.8 | 7.0 | 5.3 |
| 1997..... | 15,670 | 100.0 | 41.0 | 35.1 | 9.2 | 8.2 | 4.6 |
| Biological sciences | | | | | | | |
| 1993..... | 91,970 | 100.0 | 42.5 | 23.8 | 8.5 | 15.4 | 7.3 |
| 1995..... | 97,370 | 100.0 | 42.1 | 23.0 | 8.1 | 16.7 | 7.4 |
| 1997..... | 104,630 | 100.0 | 41.6 | 22.6 | 7.7 | 17.9 | 7.3 |
| Environmental life sciences | | | | | | | |
| 1993..... | 3,850 | 100.0 | 36.2 | 24.9 | 31.8 | 2.5 | S |
| 1995..... | 3,890 | 100.0 | 35.8 | 26.6 | 29.2 | 3.8 | 1.6 |
| 1997..... | 4,300 | 100.0 | 34.2 | 27.0 | 28.8 | 5.0 | 1.8 |
| Health sciences | | | | | | | |
| 1993..... | 13,670 | 100.0 | 24.3 | 21.0 | 6.7 | 30.7 | 12.9 |
| 1995..... | 15,460 | 100.0 | 23.2 | 19.5 | 6.1 | 33.1 | 13.5 |
| 1997..... | 17,180 | 100.0 | 22.3 | 19.6 | 5.5 | 33.9 | 13.5 |

See explanatory information and SOURCE at the end of table.

**Table S2. Employed doctoral scientists and engineers by field of doctorate, sex and broad sector of employment:
1993, 1995, and 1997**

Page 2 of 3

| Field and year | Total | Male | | | Female | | |
|----------------------------------|---------|-------------------------|----------|------------|-------------------------|----------|------------|
| | | Educational institution | Industry | Government | Educational institution | Industry | Government |
| | | | | | Number | Percent | Percent |
| Physical/related sciences | | | | | | | |
| 1993..... | 98,540 | 100.0 | 35.1 | 46.1 | 8.8 | 4.1 | 5.1 |
| 1995..... | 101,300 | 100.0 | 35.3 | 45.2 | 8.6 | 4.8 | 5.2 |
| 1997..... | 105,250 | 100.0 | 32.4 | 45.2 | 10.4 | 5.2 | 5.7 |
| Chemistry, except biochem | | | | | | | 1.0 |
| 1993..... | 51,760 | 100.0 | 27.9 | 54.2 | 5.2 | 4.6 | 7.6 |
| 1995..... | 52,530 | 100.0 | 27.7 | 53.4 | 5.0 | 5.4 | 7.7 |
| 1997..... | 54,220 | 100.0 | 25.8 | 53.1 | 5.8 | 5.8 | 8.7 |
| Earth/atmos/ocean sciences | | | | | | | 0.8 |
| 1993..... | 13,620 | 100.0 | 40.9 | 28.7 | 19.2 | 5.2 | 3.7 |
| 1995..... | 14,370 | 100.0 | 40.7 | 27.8 | 19.2 | 7.1 | 3.6 |
| 1997..... | 15,110 | 100.0 | 42.0 | 26.3 | 18.7 | 7.4 | 3.8 |
| Physics and astronomy | | | | | | | 1.8 |
| 1993..... | 33,150 | 100.0 | 43.9 | 40.6 | 10.3 | 2.9 | 1.8 |
| 1995..... | 34,410 | 100.0 | 44.7 | 40.0 | 9.7 | 3.0 | 2.1 |
| 1997..... | 35,920 | 100.0 | 38.4 | 41.2 | 14.0 | 3.3 | 2.2 |
| Social sciences | | | | | | | |
| 1993..... | 65,660 | 100.0 | 49.8 | 16.9 | 8.4 | 15.9 | 6.1 |
| 1995..... | 67,600 | 100.0 | 48.2 | 17.0 | 8.3 | 17.5 | 6.0 |
| 1997..... | 71,070 | 100.0 | 47.4 | 16.2 | 7.5 | 19.4 | 6.4 |
| Economics | | | | | | | 3.1 |
| 1993..... | 19,410 | 100.0 | 55.2 | 22.2 | 9.6 | 6.8 | 3.3 |
| 1995..... | 19,860 | 100.0 | 55.6 | 21.5 | 9.0 | 7.0 | 3.4 |
| 1997..... | 20,080 | 100.0 | 49.9 | 23.7 | 10.6 | 7.8 | 4.7 |
| Political/related sciences | | | | | | | 3.3 |
| 1993..... | 14,290 | 100.0 | 56.2 | 16.0 | 9.6 | 12.1 | 4.5 |
| 1995..... | 14,780 | 100.0 | 54.3 | 15.7 | 9.8 | 14.3 | 3.5 |
| 1997..... | 15,820 | 100.0 | 55.6 | 14.8 | 8.6 | 14.9 | 3.5 |
| Sociology | | | | | | | 2.7 |
| 1993..... | 12,200 | 100.0 | 48.9 | 10.3 | 5.4 | 24.5 | 7.9 |
| 1995..... | 12,210 | 100.0 | 46.3 | 10.9 | 5.6 | 26.6 | 8.2 |
| 1997..... | 13,230 | 100.0 | 47.8 | 9.9 | 4.4 | 27.7 | 7.5 |
| Other social sciences | | | | | | | 2.7 |
| 1993..... | 19,760 | 100.0 | 40.6 | 16.6 | 8.1 | 22.4 | 8.6 |
| 1995..... | 20,750 | 100.0 | 38.3 | 17.9 | 8.2 | 24.5 | 8.9 |
| 1997..... | 21,940 | 100.0 | 39.1 | 14.1 | 5.7 | 28.5 | 9.3 |
| Psychology | | | | | | | 3.4 |
| 1993..... | 71,020 | 100.0 | 22.6 | 29.1 | 7.7 | 15.7 | 21.1 |
| 1995..... | 75,790 | 100.0 | 22.3 | 27.4 | 7.9 | 17.6 | 21.1 |
| 1997..... | 79,320 | 100.0 | 22.1 | 26.5 | 6.9 | 17.7 | 22.4 |

See explanatory information and SOURCE at the end of table.

**Table S2. Employed doctoral scientists and engineers by field of doctorate, sex and broad sector of employment:
1993, 1995, and 1997**

Page 3 of 3

| Field and year | | | Male | | | Female | | |
|-------------------------|--------|--------|-------------------------|----------|------------|-------------------------|----------|------------|
| | | | Educational institution | Industry | Government | Educational institution | Industry | Government |
| | Total | Number | Percent | Percent | | | | |
| Engineering | | | | | | | | |
| 1993..... | 75,110 | 100.0 | 31.9 | 57.0 | 6.8 | 1.5 | 2.3 | 0.4 |
| 1995..... | 78,620 | 100.0 | 31.0 | 57.4 | 6.5 | 2.1 | 2.6 | 0.4 |
| 1997..... | 88,620 | 100.0 | 28.8 | 57.6 | 7.7 | 2.1 | 3.2 | 0.6 |
| Aerospace/aeronautical | | | | | | | | |
| 1993..... | 3,050 | 100.0 | 36.7 | 50.4 | 11.9 | S | S | S |
| 1995..... | 3,350 | 100.0 | 35.4 | 50.9 | 12.7 | S | S | S |
| 1997..... | 3,720 | 100.0 | 29.8 | 56.2 | 12.5 | S | S | S |
| Chemical | | | | | | | | |
| 1993..... | 11,140 | 100.0 | 19.6 | 72.0 | 3.9 | 1.5 | 2.8 | S |
| 1995..... | 10,930 | 100.0 | 20.8 | 70.5 | 3.5 | 1.4 | 3.7 | S |
| 1997..... | 12,280 | 100.0 | 19.9 | 70.4 | 4.1 | 1.5 | 3.9 | S |
| Civil | | | | | | | | |
| 1993..... | 7,060 | 100.0 | 40.5 | 44.3 | 12.0 | 1.2 | 1.4 | S |
| 1995..... | 7,400 | 100.0 | 39.4 | 47.0 | 9.1 | 2.9 | 1.0 | S |
| 1997..... | 8,190 | 100.0 | 41.8 | 42.3 | 10.4 | 2.4 | 1.9 | 1.2 |
| Electrical/computer | | | | | | | | |
| 1993..... | 19,400 | 100.0 | 30.9 | 60.4 | 5.3 | 1.3 | 2.1 | S |
| 1995..... | 20,770 | 100.0 | 28.9 | 62.4 | 4.5 | 1.6 | 2.4 | 0.2 |
| 1997..... | 23,750 | 100.0 | 27.9 | 61.6 | 5.7 | 1.8 | 2.6 | 0.4 |
| Materials/metallurgical | | | | | | | | |
| 1993..... | 7,200 | 100.0 | 21.2 | 66.5 | 5.1 | 1.5 | 4.7 | 1.0 |
| 1995..... | 7,850 | 100.0 | 20.3 | 65.8 | 5.1 | 2.8 | 5.0 | 0.9 |
| 1997..... | 8,510 | 100.0 | 16.2 | 65.4 | 8.7 | 2.5 | 6.1 | 1.1 |
| Mechanical | | | | | | | | |
| 1993..... | 9,470 | 100.0 | 33.2 | 57.6 | 6.4 | 1.4 | 1.1 | S |
| 1995..... | 9,710 | 100.0 | 31.9 | 59.1 | 5.8 | 1.5 | 1.2 | S |
| 1997..... | 11,080 | 100.0 | 29.3 | 61.6 | 5.7 | 0.7 | 2.3 | S |
| Other engineering | | | | | | | | |
| 1993..... | 17,790 | 100.0 | 40.2 | 46.1 | 8.1 | 2.2 | 2.5 | 0.8 |
| 1995..... | 18,620 | 100.0 | 39.1 | 44.9 | 9.3 | 3.2 | 2.7 | 0.8 |
| 1997..... | 21,100 | 100.0 | 34.6 | 46.1 | 11.0 | 3.4 | 3.6 | 0.9 |

NOTE: Numbers are rounded to nearest ten.

Details may not add to total and percents may not add to 100 because of rounding.

1993 and 1995 figures may not match previously published figures.

KEY: S=Suppressed due to too few cases (fewer than 50 weighted cases).

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Doctorate Recipients.